

ABSTRACT

[0047]

The systems and methods disclosed herein relate to digital data communication systems, and more particularly, the systems and methods relate to systems and methods for facilitating digital communication between a modem equipped meter and a central data acquisition system. In one example, the system has the central data acquisition system, a first telemetry device that utilizes a modem for data communication, and a second telemetry device with a processor for communicating with the first telemetry device, and a digital cellular radio for communicating with the processor. The processor relays digital meter data from the first telemetry device to the digital cellular radio and the digital cellular radio transmits the digital meter data to the central data acquisition system. This system allows the utility company to transmit the reading of utility consumption by a consumer without the use of telephone lines.